



## CONGRESSIONAL BUDGET OFFICE COST ESTIMATE

June 21, 2001

### **H.R. 1858**

### **National Mathematics and Science Partnerships Act**

*As ordered reported by the House Committee on Science on June 13, 2001*

#### **SUMMARY**

H.R. 1858 would authorize the appropriation of approximately \$1.5 billion over the 2002-2006 period and \$100 million after 2006 for education initiatives of the National Science Foundation (NSF). This bill would authorize NSF to implement several new grant and teacher scholarship programs related to mathematics and science education, expand the NSF's digital library of elementary and secondary education resources, and conduct several studies related to improving technology in education. Most of the money authorized by this bill would fund a program to establish partnerships between university researchers and local school districts to improve the instruction of elementary and secondary science education.

Assuming appropriation of the authorized amounts, CBO estimates that implementing H.R. 1858 would result in outlays of about \$1.1 billion over the 2002-2006 period and an additional \$459 million after 2006. H.R. 1858 would not affect direct spending or receipts; therefore, pay-as-you-go procedures would not apply. H.R. 1858 contains no intergovernmental or private-sector mandates as defined in the Unfunded Mandates Reform Act (UMRA).

#### **ESTIMATED COST TO THE FEDERAL GOVERNMENT**

The estimated budgetary impact of H.R. 1858 is shown in the following table. The costs of this legislation fall within budget function 250 (general science, space, and technology).

	By Fiscal Year, in Millions of Dollars					
	2001	2002	2003	2004	2005	2006
<b>SPENDING SUBJECT TO APPROPRIATION</b>						
Spending Under Current Law						
Budget Authority <sup>a</sup>	25	0	0	0	0	0
Estimated Outlays	3	10	8	1	0	0
Proposed Changes						
Estimated Authorization Level	0	317	314	314	299	299
Estimated Outlays	0	42	186	273	290	290
Spending Under H.R. 1858						
Estimated Authorization Level <sup>a</sup>	25	317	314	314	299	299
Estimated Outlays	3	52	194	274	290	290

a. \$25 million was appropriated in 2001 for the digital library.

## **BASIS OF ESTIMATE**

For this estimate, CBO assumes that H.R. 1858 would be enacted in fiscal year 2001, and that the amounts authorized will be appropriated each year. In addition, based on information from NSF, CBO estimates that H.R. 1858 would authorize the appropriation of \$3 million in 2002 for studies related to the use of technology in education. Estimates of outlays for all activities are based on information from NSF and historical spending patterns for similar programs.

**PAY-AS-YOU-GO CONSIDERATIONS:** None.

## **INTERGOVERNMENTAL AND PRIVATE-SECTOR IMPACT**

H.R. 1858 contains no intergovernmental or private-sector mandates as defined in UMRA. The bill would authorize the Director of NSF to establish grant programs that would provide about \$1.5 billion over five years; any costs incurred by state and local governments to apply for and administer such grants would result from complying with conditions of aid. The grants would benefit state and local governments, including local school districts and public universities, by assisting them in improving mathematics, science, and technology education.

**ESTIMATE PREPARED BY:**

Federal Costs: Julie Middleton

Impact on State, Local, and Tribal Governments: Elyse Goldman

Impact on the Private Sector: Lauren Marks

**ESTIMATE APPROVED BY:**

Robert A. Sunshine

Assistant Director for Budget Analysis